MLTI Yosemite Update

Updated Monday, February 2, 2015

Requirements:

MLTI IV MacBook Air
MLTI Restore USB Flash Drive

This document describes the process to update MLTI IV MacBook Air units for use with OS X Yosemite.

MLTI IV MacBook Air units fall into three categories:

1.   Devices that have not yet upgraded to OS X Yosemite (or OS X Mavericks).
2.   Devices that have upgraded and see two 'Recovery' options at boot.
3.   Devices that have upgraded and see only one 'Recovery' option at boot.

If you are not sure in which category your devices belong, or require additional assistance, please contact the MLTI AppleCare Help Desk at (800) 919-2775 pin 4MLTI, or http://www.info.apple.com/mlti/

OS X Yosemite for MLTI

Yosemite marks the first time in MLTI history where devices will be updated using the same version which is available to millions via the Mac App Store. Thanks to Yosemite support for MDM's like JAMF we can now leverage the same technology used with iPad today, the "Device Enrollment Program." DEP allows Macs to be enrolled automatically, and receive all the necessary software over-the-air. Because of these advancements it also means we're able to reclaim approximately 15-20GB of useable disk space by eliminating the custom recovery partition (this process requires re-imaging the device, see Option 2). These features combined with all of the new enhancements in Yosemite makes this release of OS X our easiest and most powerful yet.

Option 1: Upgrade to OS X Yosemite

MLTI MacBook Air devices running OS X Mountain Lion or OS X Mavericks can upgrade to OS X Yosemite[*], free of charge, from Self Service, or directly from the Mac App Store.

Re-imaging is *not* required for all MLTI MacBook Air units. Unless the MLTI device needs to be re-imaged (e.g. troubleshooting, redeployment, or to reclaim additional storage space), the device should be upgraded to OS X Yosemite.

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[*] https://www.apple.com/osx/how-to-upgrade/

**Option 2:   Restore to generic OS X Yosemite image without Custom Recovery**

With OS X Yosemite, we gain the ability to enroll MLTI MacBook Air units via the Device Enrollment Program. This allows the MLTI device to receive the configuration information directly from the JAMF Mobile Device Management server during setup without the need for a custom image.

This process will erase all data on the internal storage with a generic OS X Yosemite base image, and a default OS X Yosemite Recovery HD. When complete, the system will reboot and begin the setup process.

We have chosen this approach moving forward to avoid the impact on Custom Recovery caused by major OS releases, and to return approximately 15-20GB of useable space to the end user.

   Procedure:

   1.   Insert the MLTI Restore USB Flash Drive.
   2.   Reboot MacBook Air holding the 'option' key until boot manager appears.
   3.   Select 'MLTI Restore' using the left/right arrow keys and press return
   4.   After the boot process completes, the MLTI Restore script will launch:
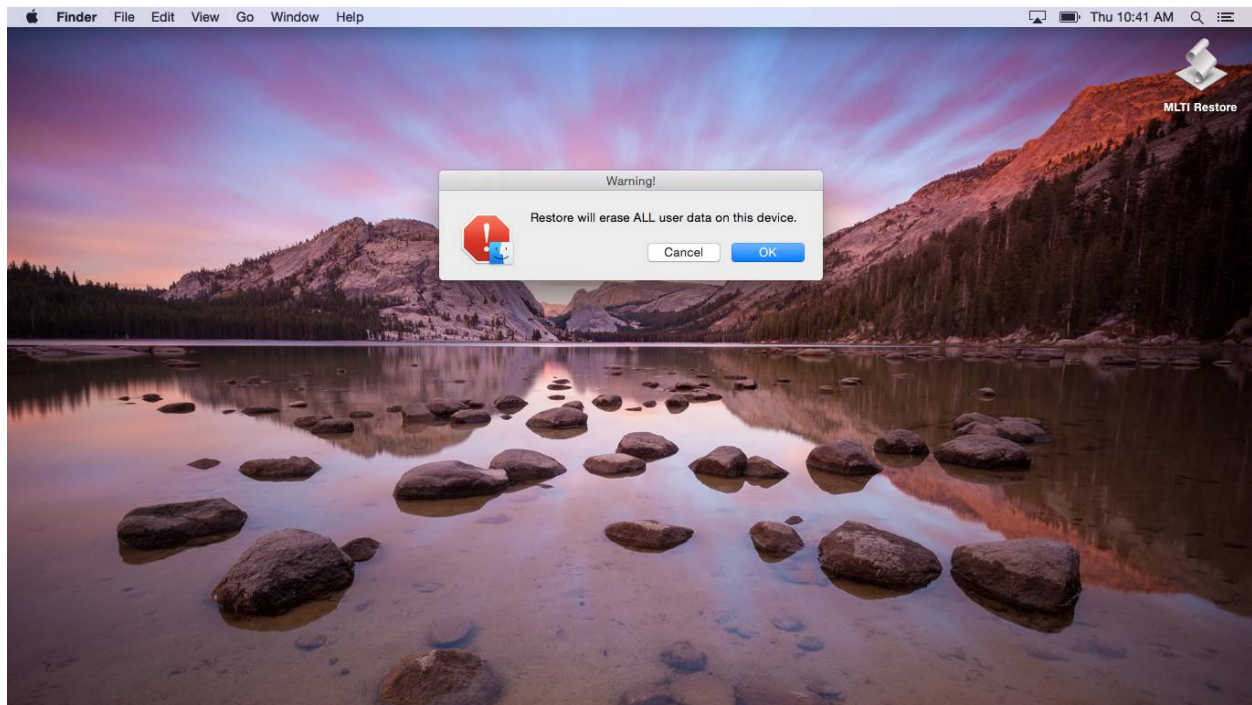
5. Acknowledge the warning indicating that ALL data will be erased.

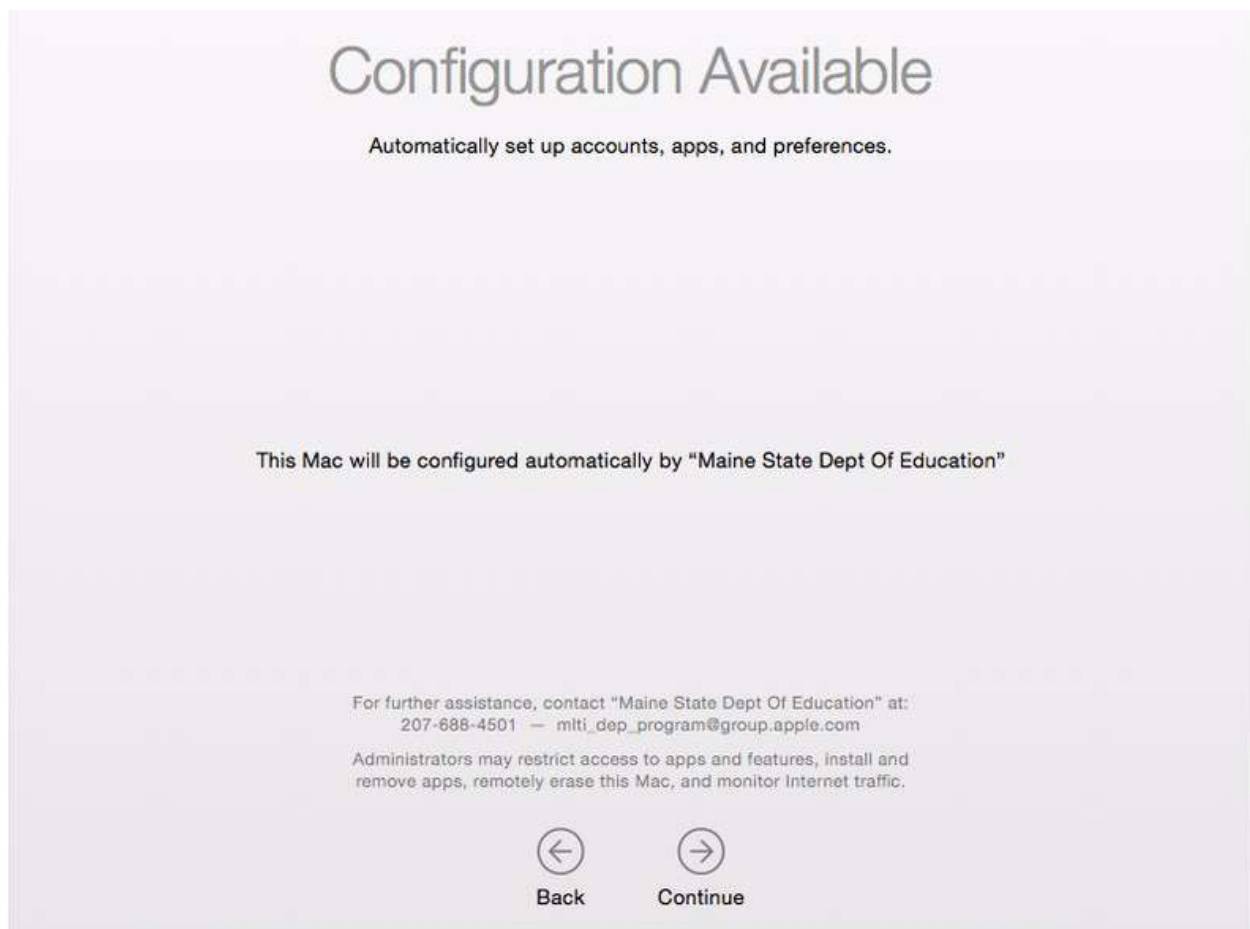6. Enter the password 'mlti' when prompted
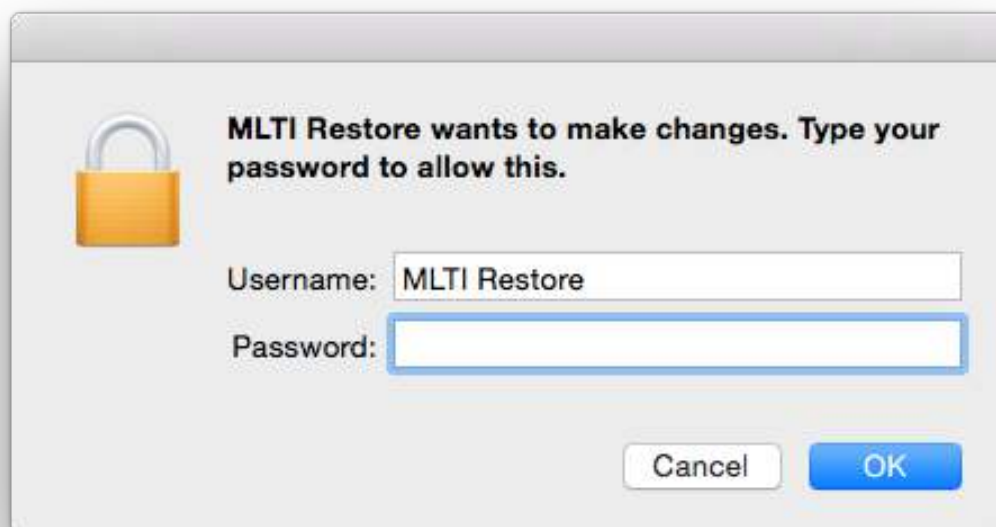
7. MacBook Air will restart when the restore process has completed.

Device Enrollment

MLTI IV MacBook Air units will enroll with the Maine JSS (JAMF) during Setup Assistant, or immediately thereafter. if enrollment is bypassed, the system will re-prompt to enroll at each subsequent reboot.

After connecting to a network, the 'Configuration Available' section will be displayed:

Configuration Available

Automatically set up accounts, apps, and preferences.

This Mac will be configured automatically by "Maine State Dept Of Education"

For further assistance, contact "Maine State Dept Of Education" at:
207-688-4501 — mlti_dep_program@group.apple.com

Administrators may restrict access to apps and features, install and remove apps, remotely erase this Mac, and monitor Internet traffic.

(←)   (→)
Back   Continue

If no network is selected, or if the internet connection is not fully established during the Setup Assistant, the 'Configuration Available' screen may not be displayed. This should be rare, but will not prevent the device from being enrolled.

After completing the Setup Assistant, the 'Device Enrollment' notification should appear:

This enrollment can be skipped, but if skipped, the notification will return on the each subsequent reboot until enrollment is accepted. Users should be made aware that without enrolling their MLTI device, they will not receive MLTI apps (e.g. Pages, Numbers, Keynote, iMovie, iPhoto, GarageBand) or be able to backup using the MLTI provided CrashPlan service.

Clicking 'Details' will open System Preferences, and begin the enrollment process.

Click 'Allow' to install the MLTI Enrollment Profile. Quit System Preferences when this process is complete.

Self Service will be installed automatically and launch when installation is complete (this process may take several seconds to a minute to complete).

The end user is then ready to accept the VPP invitation via Self Service and install the MLTI Apps via the Mac App Store (http://support.apple.com/en-us/HT202161).

CrashPlan and ClamXav will be installed automatically.

Appendix A: Replicating additional MLTI Restore flash drives

The USB flash drive provided includes a disk image (.DMG) of the drive itself. This image can be used to replicate additional MLTI Restore flash drives.
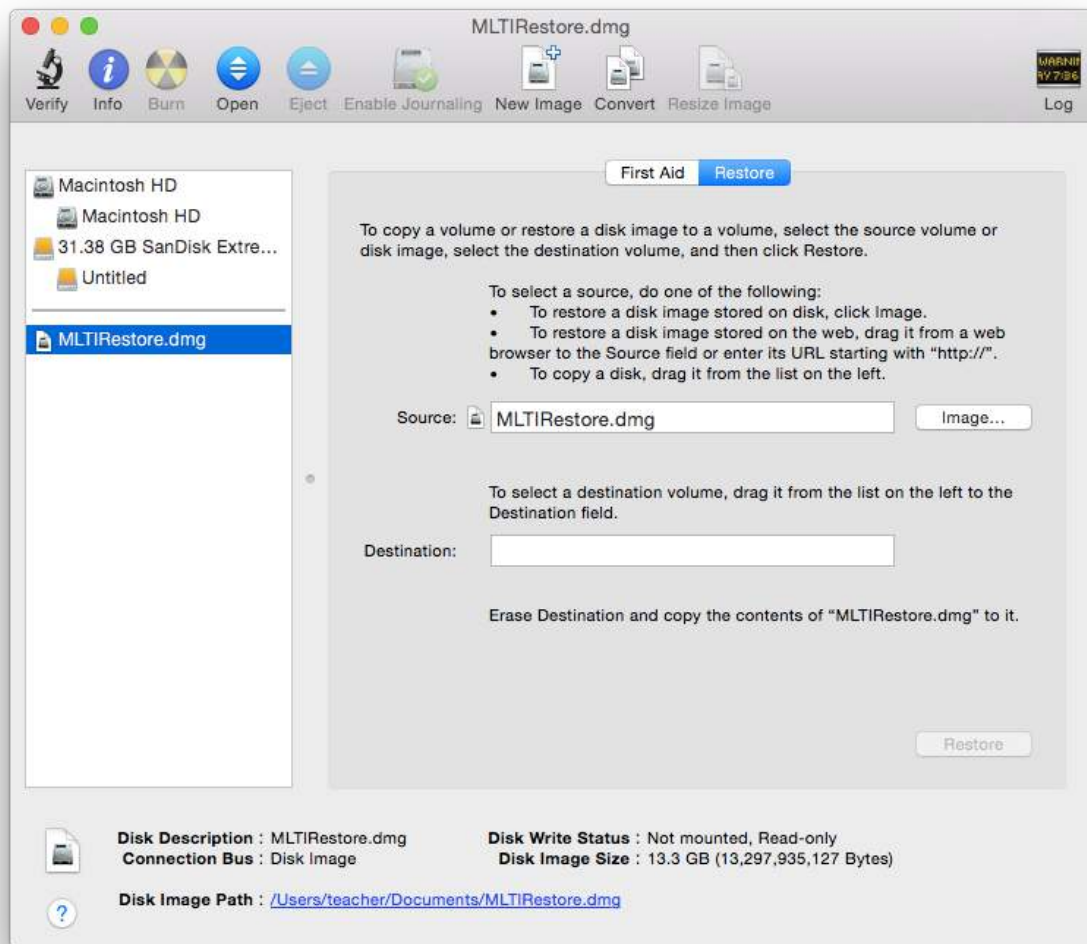
1.   Locate the 'MLTIRestore.dmg' and copy the file to your internal storage (e.g. Desktop or Documents folder).
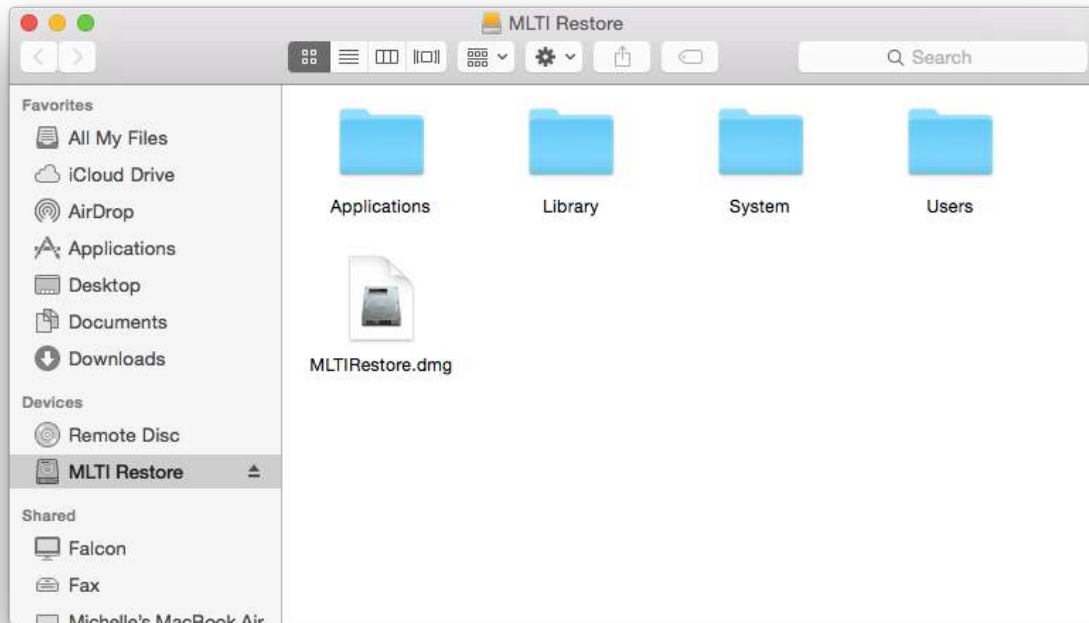
2.   Eject the provided USB drive and keep it in a safe place.

3.   Connect a 32GB (or larger) USB or Thunderbolt external drive.[†]

[†] Please note that all data will be erased from this media.

4.   Open the 'MLTIRestore.dmg' file from step 1 with Disk Utility

5.   Select the 'Restore' tab.

6.   Select the 'MLTIRestore.dmg' as the source.

7.   Drag the volume to be restored (from step 3) to 'Destination'

8.   Click 'Restore' and authenticate with your local administrator credentials.
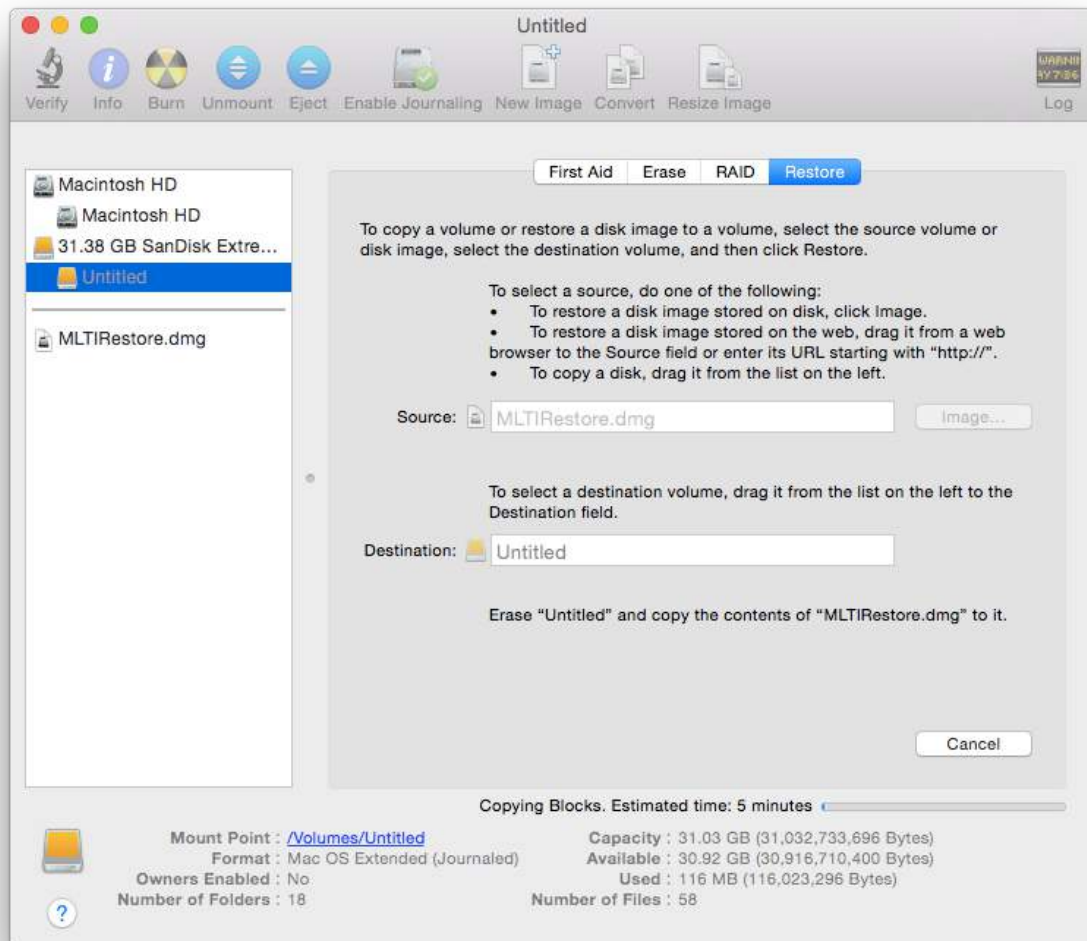
9.   When complete, eject the newly restored drive.

10.   Repeat steps 3 through 9 as needed.